

## Data Source Documentation

<b>Indicator</b>	Immunizations, adults with diabetes
<b>Demographic Group</b>	Wisconsin adults aged 18 and older with diabetes
<b>Numerator</b>	The number of adults with diabetes in the Wisconsin Behavioral Risk Factor Survey (BRFS) sample who reported receiving: a flu shot in the past twelve months, a pneumonia shot at any time in their life, or both.
<b>Denominator</b>	The total number of adults with diabetes in the Wisconsin BRFS sample(s) for the relevant year or years.
<b>Details about Data Item</b>	<p>In the tables, the 95% confidence interval (the “+/-“ column) indicates the range in which 95 of 100 identical surveys would estimate the percent of Wisconsin adults with diabetes who are immunized against influenza, pneumonia or both. Add the confidence interval to the estimated percent to find the high boundary and subtract it to find the low boundary. Smaller numbers of cases in the denominator produce larger confidence intervals. Results shown in the tables are weighted to represent the overall population of adults in Wisconsin.</p> <p>BRFS questions:</p> <ul style="list-style-type: none"> <li>• “Have you ever been told by a doctor that you have diabetes? [If “Yes” and respondent is female, “Was this only when you were pregnant?” (Exclusion of gestational diabetes.)]</li> <li>• “During the past 12 months, have you had a flu shot?”</li> <li>• “Have you ever had a pneumonia shot? This shot is usually given only once or twice in a person’s lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.”</li> </ul>
<b>Other Data Information</b>	<p>The Wisconsin Behavioral Risk Factor Survey (BRFS) is a sample survey conducted by the Bureau of Health Information and Policy (BHIP) in conjunction with the U.S. Centers for Disease Control and Prevention (CDC). The annual number of cases is currently approximately 4,000 and has ranged from approximately 2,700 to 3,500 in recent years. Weighted BRFS data are considered representative of the Wisconsin adult population living in households with telephones. The CDC calculates the weights using Wisconsin population data and provides them to BHIP.</p> <p>The table by race/ethnicity show estimates using combined years of data to yield a minimum of 100 cases per group.</p>
<b>Reference Time Period</b>	<ul style="list-style-type: none"> <li>• The 12 months immediately preceding the respondent’s BRFS interview (flu shot).</li> <li>• The respondent’s entire lifetime (pneumonia shot).</li> </ul>
<b>Data Source</b>	Wisconsin Behavioral Risk Factor Survey, Bureau of Health Information and Policy, Division of Public Health, Wisconsin Department of Health and Family Services.

Prepared for Tracking the State Health Plan, 2010—State-Level Data

<http://dhfs.wisconsin.gov/statehealthplan/track2010> (January 2005)

Bureau of Health Information and Policy

Division of Public Health

Wisconsin Department of Health and Family Services

	The BRFS is an ongoing probability survey conducted by telephone and carried out in conjunction with the CDC. Each survey year begins on January 1 and ends on December 31.
<b>Additional Information</b>	The CDC Web site provides substantial information about the BRFS at both the national and state levels, including prevalence and trend data and historical question information. Information about the Wisconsin BRFS is also available at <a href="http://dhfs.wisconsin.gov/stats/healthsurveys.htm">http://dhfs.wisconsin.gov/stats/healthsurveys.htm</a> .